

POWERWALL

TESLA HOME BATTERY



TESLA

THE FUTURE OF **SUSTAINABLE ENERGY**

Powerwall is the ultimate battery for your home, which maximises your solar energy consumption and increases your independence from the electricity grid. Made with Tesla's proven battery technology, Powerwall enables you to store excess energy generated from solar panels to use at another time, and helps reduce your monthly electricity costs.

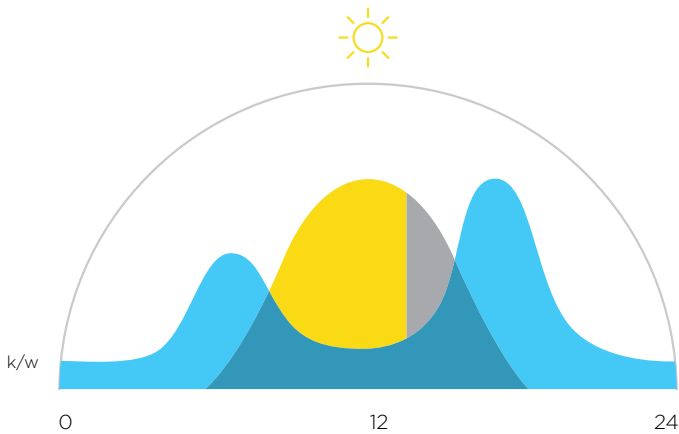


MAKE THE MOST OF YOUR SOLAR

During the day solar panels often produce more electricity than your home needs. This excess solar energy is automatically sent back to the grid and is no longer available for you to use.

Powerwall enables you to store the excess energy produced during the day and use it - even when the sun's not shining - meaning you get to consume more of the solar energy you're generating.

DAILY SOLAR ENERGY CONSUMPTION
WITH POWERWALL



- USING POWERWALL CHARGE
- DIRECT CONSUMPTION
- CHARGING POWERWALL
- EXCESS POWER

INCREASE YOUR INDEPENDENCE

With Powerwall, your solar energy can then be used at night, when it's cloudy and during peak demand. By maximising your solar energy consumption, you'll buy less energy from the grid and lower your electricity bills.



HOW IT **WORKS**

A typical home system includes Powerwall, solar panels, an inverter, a meter and an electrical panel. Which components are required depends on how you use your home battery.

SOLAR PANELS

Panels convert sunlight into electricity that charges Powerwall and powers your home during the day.

POWERWALL

The home battery is charged with electricity generated by solar panels.

INVERTER

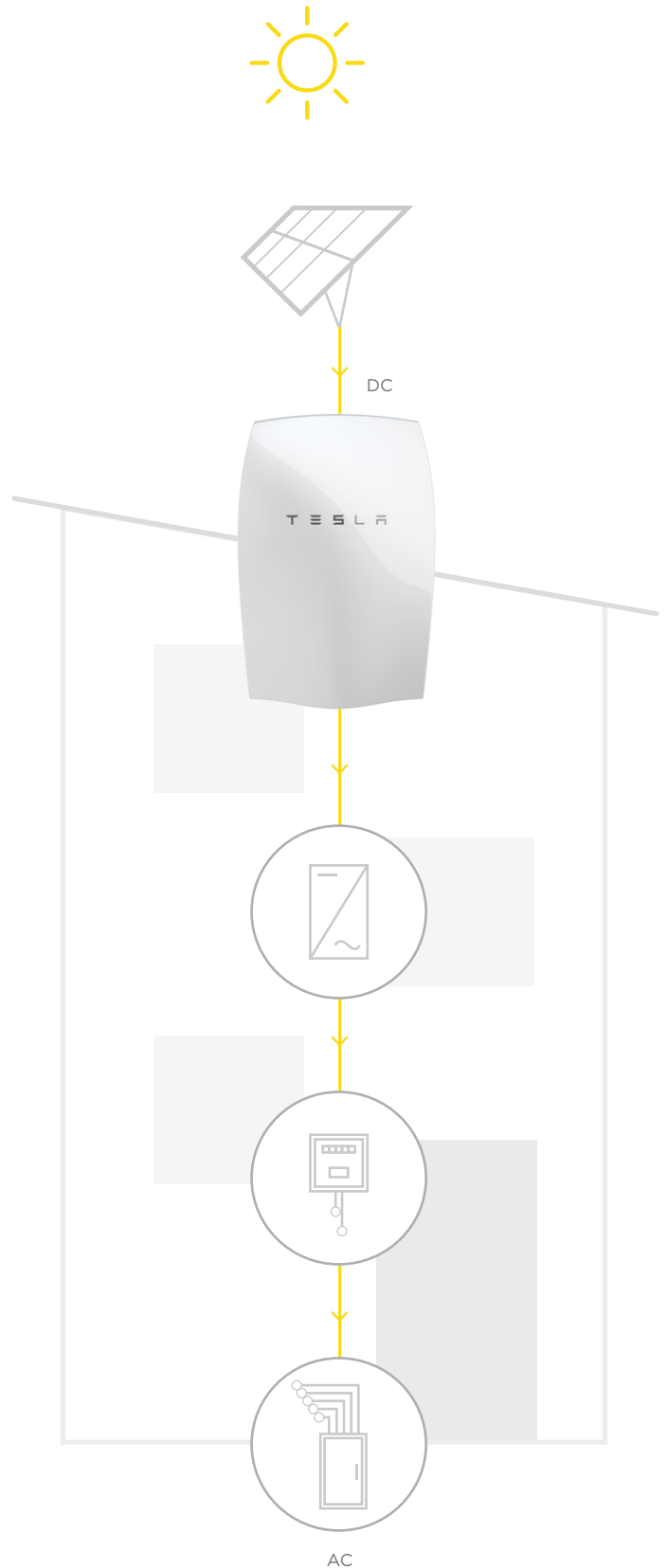
The inverter converts direct current electricity from solar panels and Powerwall into the alternating current used by your home's lights, appliances and devices. All Powerwall installations require a compatible inverter.

METER

To maximise solar consumption, a meter is also installed to measure battery charge, solar production and home energy use.

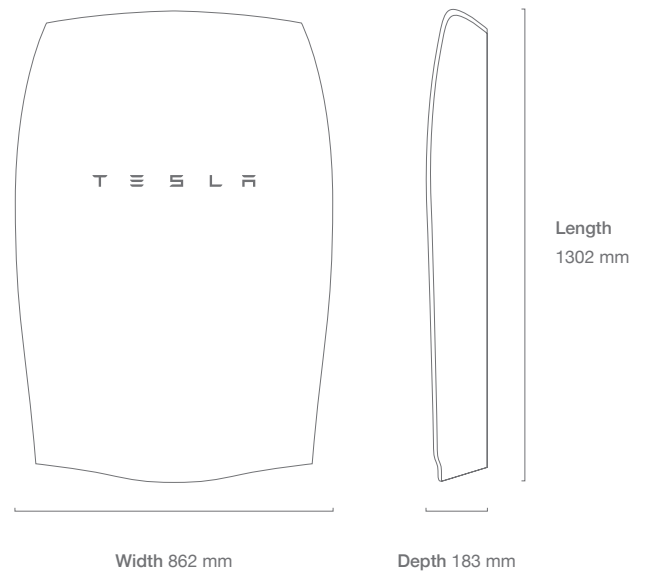
ELECTRICAL PANEL

Electricity from the inverter is sent to your home's electrical panel that distributes your power supply throughout your home.



BEAUTIFULLY **FUNCTIONAL**

Powerwall not only looks sleek, but is also waterproof, easy to install and requires no maintenance. It's designed for daily charging and discharging, and the 6.4 kWh energy storage capacity means it will easily power most homes during the evening.



SAFEST HOME BATTERY **ON THE MARKET**

Thanks to the unique design; Powerwall is a touch-safe system that withstands overcharge and short-circuiting. It also survives mechanical, environmental and electrical stress.



ENGINEERED FOR PERFORMANCE

With over 100,000+ vehicles sold and more than two billion kilometres driven using Tesla's battery technology, no other company in the world can compare to Tesla's number of successfully deployed battery systems. Powerwall's lithium ion battery inherits Tesla's proven automotive battery technology to power your home safely and economically.



THERMAL CONTROL

Powerwall is the only home battery with a liquid thermal control, which actively heats and cools the battery to prolong its life, improving safety and allowing indoor and outdoor installation with ambient temperatures from -20 °C to 50 °C.



THE BATTERY WITH A BRAIN

Powerwall has intelligent software, which quickly learns and predicts your home's energy pattern, and updates automatically when improvements have been made.



100% USABLE CAPACITY

Powerwall's smart charge and discharge system guarantees that you can use the full 6.4kWh capacity, every day and every night.

OUR **GUARANTEE**

Unparalleled technology should come with unparalleled warranty. That's why Powerwall comes with a 10-year unlimited cycle warranty.

Certified Installer Logo